

INTERNATIONAL SEARCH REPORT

Inter al Application No
PCT/IB2004/052306

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L51/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) -& JP 2000 133440 A (NEC CORP), 12 May 2000 (2000-05-12) abstract	1-3, 13, 16
Y		5-10, 14
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 08, 6 August 2003 (2003-08-06) -& JP 2003 109753 A (MITSUMI ELECTRIC CO LTD), 11 April 2003 (2003-04-11) abstract	1-3, 13, 15-18
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

20/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Faou, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	WO 02/32625 A (3M INNOVATIVE PROPERTIES COMPANY) 25 April 2002 (2002-04-25) page 20, lines 20-22 -----	5
Y	COUDERC P ET AL: "STRUCTURE AND PHYSICAL PROPERTIES OF PLASMA-GROWN AMORPHOUS HYDROGENATED CARBON FILMS" THIN SOLID FILMS, ELSEVIER-SEQUOIA S.A. LAUSANNE, CH, vol. 146, no. 1, 2 January 1987 (1987-01-02), pages 93-107, XP000111251 ISSN: 0040-6090 page 100, lines 13-20 page 102; table IV page 103, lines 6-11 pages 104-105 -----	6-9
Y	US 5 920 080 A (JONES ET AL) 6 July 1999 (1999-07-06) column 9, lines 43-53 - column 10, lines 6-12; figure 7 -----	10
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2003 234179 A (MATSUSHITA ELECTRIC IND CO LTD), 22 August 2003 (2003-08-22) abstract -----	14
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Information on patent family members

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